

20020120.ba v03\_n283.bam.20020120

>From ???@??? Sun Jan 20 12:32:28 2002 -0600  
Message-Id: <200201201832.g0KIWDGK024472@sco.theporch.com>  
Date: Sun, 20 Jan 2002 18:31:54 GMT  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3283

BOATANCHORS Digest 3283

Topics covered in this issue include:

- 1) The Millist Thing...  
by David Stinson <arc5@ix.netcom.com>
- 2) ADMINISTRIVIA: Changing Email Addresses  
by listown@nanniandjack.com (Mail List Owner)
- 3) Old QLS Cards wanted  
by "ALLEN, JIM (A-Cupertino, ex1)" <jim\_allen@agilent.com>
- 4) RE: Old QLS Cards wanted  
by "Richard W. Solomon" <w1kszt@tiac.net>
- 5) RE: Old QLS Cards wanted  
by "Shirli Sieb" <sieb@sympatico.ca>
- 6) RE: Old QLS Cards wanted  
by "Dennis L. Wade" <dlwade@pacbell.net>
- 7) Re: Old QLS Cards wanted  
by David Hollander <n7rk@dancris.com>
- 8) RE: Old QLS Cards wanted  
by "Shirli Sieb" <sieb@sympatico.ca>
- 9) Re: The Millist Thing...  
by Arden Allen <gumbear@pacbell.net>
- 10) TV show on antique radios- Feb 20  
by "John Dilks, K2TQN" <oldradio@worldnet.att.net>
- 11) Re: Old QLS Cards wanted  
by "ed sharpe" <esharpe@uswest.net>
- 12) Navy training course manual  
by W7fni@aol.com
- 13) FS - Collins 32V2 Transmitter  
by John Russo <jprusso@acsu.buffalo.edu>
- 14) Graph making program  
by "Sandy W5TVW" <ebjr@i-55.com>
- 15) RE: Schematic for a Philco Model 49-1609?  
by "Thomas L. Frobase" <tfrobase@ghg.net>
- 16) Fw: ART-13 Mod xmfr  
by "Tom Smith" <tsmith@hal-pc.org>
- 17) Re: Graph making program  
by Josh Rovero <provero@99main.com>
- 18) CX Sunday

by "Stephens, Al" <Al.Stephens@EKU.EDU>  
19) HT-32B gain  
by "Bob Nickels" <ranickel@mwci.net>

---

Message-ID: <3C4709AF.3294297F@ix.netcom.com>  
Date: Thu, 17 Jan 2002 11:28:15 -0600  
From: David Stinson <arc5@ix.netcom.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: The Millist Thing...  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Re:  
The Millist thing.  
I've copied this to the places where  
I posted my original rants, because a man should  
take his licks in the same forum where he dished them out.  
I shouldn't have posted it in a couple of places,  
but I lost my temper and did, so this has to go there, too.  
A few people will complain because it's "off topic-"  
They can just get over it.

I know now you were "in the middle" and were forced to act.  
I'm sorry I put you there.  
It didn't occur to me and it should have.  
Crooked dealers are bad news, Ralph.  
They've taken a lot of people.  
They do it every time they surface.  
Someone has to raise a flag.  
I guess private word of mouth is the only way, since posting  
even a generally worded warning with no names apparently  
causes so much trouble.

Just for the record- there's no way some of these people  
could sue and hope to win.  
There's enough written records of their  
crooked dealings to make any shyster lawyer run.

As for people leaving the reflector over this-  
Frankly, if someone would sign off a reflector just because  
they didn't like one thread, they have other issues  
that involve their own attitudes.  
And they certainly don't have much in the way of commitment  
to the community if such small potatoes will run them off.  
And let's not forget-  
They chose to read the follow-up messages-

they weren't forced to do so. I've seen this before and have no sympathy for people who stick their hand on a hot stove, complain that it's hot, then do it again. No- I don't feel even slightly bad that such people are gone, but I \*do\* regret that I caused you trouble over it.

I do have some commitment to this community-enough to post this and catch hell over it. But next time, I'll try to remember that my rants can cause "collateral damage."

73 Dave S.

-----  
Message-Id: <200201171915.g0HJFLN4007063@osr506.nanniandjack.com>  
From: listown@nanniandjack.com (Mail List Owner)  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: ADMINISTRIVIA: Changing Email Addresses  
Date: Thu, 17 Jan 2002 11:15:00 -0800 (PST)

Gang-

This periodic post is intended to help subscribers whose email address has changed, preventing posting or receipt of the list.

If you change ISP (InterNet Service Provider), simply send me an email advising the change, and I will do my best to implement the change quickly.

For those unfortunates, whose ISP has made a change without advising their customers of the potential impact of that change on subscribers to email lists like the boatanchors, where one must be a subscriber to post to the list, try to follow along...

Under some circumstances, the changes to your email address are "transparent" to you, but prevent posting. I get error notification for these kinds of problems, and I try to work them out. However, I may miss one, and on this end, the process is anything BUT automatic.

You have a bigger stick than I do. You and your ISP have the primary responsibility to repair the problems caused by the change at the ISP. I have zero leverage with your ISP, and you have great leverage.

Most ISP maintain a customer service department to help with problems like these. This should be your first line of support for email problems. I am happy to assist and consult, but try to understand that when your ISP makes a change to their email handler, and that

change prevents you from posting to the boatanchors list, I can help, but resolving this problem is your responsibility, working with your ISP. I am but a volunteer, contributing my time to administer the list.

Thank you for your attention.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Archiver/Owner - - -  
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

Thu Jan 17 11:15:00 PST 2002

-----  
Message-ID: <1BEBA5E8600DD4119A50009027AF54A006007559@axcs04.cos.agilent.com>  
From: "ALLEN, JIM (A-Cupertino, ex1)" <jim\_allen@agilent.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Old QLS Cards wanted  
Date: Thu, 17 Jan 2002 15:31:40 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Hi,

I'm looking for old QSL cards with these calls:

9ZT, 6AM, NU6AM, W6AM

I'll pay a good price or have cards for trade.

Thanks,

Jim

-----  
From: "Richard W. Solomon" <w1ks@t1ac.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Old QLS Cards wanted  
Date: Thu, 17 Jan 2002 18:11:47 -0500  
Message-ID: <LOBBJFMMJJC1MD1AGBJL1ELJGLAA.w1ks@t1ac.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Trivia Quiz ...

What do these calls have in common ??

73, Dick, W1KSZ

-----Original Message-----

From: owner-boatanchors@theporch.com  
[mailto:owner-boatanchors@theporch.com]On Behalf Of ALLEN,JIM  
(A-Cupertino,ex1)  
Sent: Thursday, January 17, 2002 5:32 PM  
To: Old Tube Radios  
Subject: Old QLS Cards wanted

Hi,

I'm looking for old QSL cards with these calls:

9ZT, 6AM, NU6AM, W6AM

I'll pay a good price or have cards for trade.

Thanks,

Jim

-----  
From: "Shirli Sieb" <sieb@sympatico.ca>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Old QLS Cards wanted  
Date: Thu, 17 Jan 2002 18:25:00 -0500  
Message-ID: <LOBBJH0L00HLIPLONIAFMEDPEMAA.sieb@sympatico.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Don.... something or other... Miller? Johnson? Big DX'er... and mobilier.

Ed VA3ES

> -----Original Message-----

> From: owner-boatanchors@theporch.com  
> [mailto:owner-boatanchors@theporch.com]On Behalf Of Richard W. Solomon  
> Sent: Thursday, January 17, 2002 6:12 PM  
> To: Old Tube Radios  
> Subject: RE: Old QLS Cards wanted  
>  
>  
> Trivia Quiz ...  
> What do these calls have in common ??

>  
> 73, Dick, W1KSZ  
>  
>

-----  
From: "Dennis L. Wade" <dlwade@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Thu, 17 Jan 2002 15:33:28 -0800  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Subject: RE: Old QLS Cards wanted  
Message-ID: <7754464BCF9.AAA223DA@airmail.arb.ca.gov>

Calls held by the late Don Wallace.

Dennis

On 17 Jan 02, at 18:11, Richard W. Solomon wrote:

> Trivia Quiz ...  
> What do these calls have in common ??  
>  
> 73, Dick, W1KSZ  
>  
> -----Original Message-----  
> From: owner-boatanchors@theporch.com  
> [mailto:owner-boatanchors@theporch.com]On Behalf Of ALLEN,JIM  
> (A-Cupertino,ex1)  
> Sent: Thursday, January 17, 2002 5:32 PM  
> To: Old Tube Radios  
> Subject: Old QLS Cards wanted  
>  
>  
> Hi,  
>  
> I'm looking for old QSL cards with these calls:  
>  
> 9ZT, 6AM, NU6AM, W6AM  
>  
> I'll pay a good price or have cards for trade.  
>  
> Thanks,  
>  
> Jim  
>

"If you can remain calm, you just don't have all the facts."

-----  
Dennis Wade  
KG6ZI  
Carmichael, CA

-----  
Message-ID: <3C4760F6.A208763E@dancris.com>  
Date: Thu, 17 Jan 2002 16:40:36 -0700  
From: David Hollander <n7rk@dancris.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Old QLS Cards wanted  
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"  
Content-Transfer-Encoding: 7bit

Looks like Don Wallace W6AM

--

\*\*\*\*\*  
Dave N7RK - Webmaster CADXA <http://cadxa.org>  
Phoenix, Arizona \*DXCC Honor Roll\* \*WAZ#23 - 75 Meter SSB\*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National  
and what ever else looks interesting!

E-Mail: [n7rk@dancris.com](mailto:n7rk@dancris.com) Home Page:  
<http://www.dancris.com/~n7rk>

-----  
From: "Shirli Sieb" <sieb@sympatico.ca>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Old QLS Cards wanted  
Date: Thu, 17 Jan 2002 18:46:26 -0500  
Message-ID: <LOBBJH0L00HLIPLONIAFAEEBEMAA.sieb@sympatico.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I knew it was Don "something".

I'm lucky I remember my own name these days.

Ral, er... Joe, uh no...  
Ed! (whew) Ed, VA3ES

> -----Original Message-----  
> From: Dennis L. Wade  
> Sent: Thursday, January 17, 2002 6:33 PM  
>  
> Calls held by the late Don Wallace.  
>

-----  
Date: Thu, 17 Jan 2002 17:52:16 -0800  
From: Arden Allen <gumbear@pacbell.net>  
Subject: Re: The Millist Thing...  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <0GQ400BZP2J700@mta7.pltn13.pbi.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=ISO-8859-1  
Content-transfer-encoding: 7bit

Dave;

> They can just get over it.

Can I suggest that you take your own advice?

The main reason I and others object to such postings is it is so unpleasant to have to read about both those who screw folks and those who get screwed.

We are all supposed to be big boys (and girls) and know that life has a few knocks now and then. I'm sure I speak for many when I say we regret that you suffered from someone's misdeeds. Your remedies are through various legal procedures, such as they are, not by letting the whole world in on another misfortune. These forums are about the hobby, NOT about the HOBBY BUSINESS with all of its baby Enrons. Please simmer down and finish licking your wounds so we can read about your adventures with radios and such.

Let me make a suggestion. Next time you or someone else gets the royal shaft just post a short message indicating that you have information for anyone who wants to avoid dealing with an unethical dealer and to e-mail you for the details. That should do the trick.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

A forest is... "a peculiar organism of unlimited kindness and benevolence that makes no demands for its sustenance and extends generously the products of its life activity; it affords protection to all beings,



offering shade even to the axeman who destroys it." \_Buddha

-----  
Message-Id: <5.1.0.14.0.20020117063142.0209c0e0@postoffice.worldnet.att.net>  
Date: Thu, 17 Jan 2002 20:59:24 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "John Dilks, K2TQN" <oldradio@worldnet.att.net>  
Subject: TV show on antique radios- Feb 20  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

To all,

This looks interesting.

John Dilks, K2TQN

At 09:19 PM 1/16/2002 -0500, you wrote:

> I thought you might be interested in watching. Please forward  
> this message to anyone else you know who might be interested  
>.... Brian Bellenger

>-----  
>Dear Collector:

>

>Here's a new TV show that will be of special interest to readers of the Old  
>Timer's Bulletin.

>

>FLEA MARKET FINDS WITH THE KOVELS is a new weekly national television series  
>broadcast Wednesday nights which began on October 10 on HGTV (Home & Garden  
>Television Network). Hosts Ralph and Terry Kovel, nationally syndicated  
>columnists and well-known antiques and collectible experts, bring their  
>famous mix of experience, instinct, and humor to each half-hour episode.

>

>Readers of the Old Timer's Bulletin will be especially interested in the show  
>now scheduled for February 20 that will feature vintage radios.

>

>FLEA MARKET FINDS WITH THE KOVELS airs weekly on Wednesday nights at 8:00 PM  
>and 11:00 PM (Eastern Time); 7:00 PM and 10:00 PM (Central Time); 6:00 PM and  
>9:00 PM (Mountain Time); and 5:00 PM and 8:00 PM (Pacific Time). Some shows  
>are repeated on Saturday and Sunday.

>

>Watch for future shows on your favorite subject.

>

>Ralph & Terry Kovel

-----

Date: Thu, 17 Jan 2002 22:27:46 -0700  
Message-ID: <004001c19fe0\$dd5ffa70\$0100a8c0@smeccxp>  
From: "ed sharpe" <esharpe@uswest.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Old QLS Cards wanted  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

yes I remember don Wallace... his shack was in my town I grew up in of Palos  
Verdes calif. what a antenna farm he had! used to stop by his place on the  
way back from school!

ed sharpe archivist for smecc

----- Original Message -----  
From: "Shirli Sieb" <sieb@sympatico.ca>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Thursday, January 17, 2002 4:46 PM  
Subject: RE: Old QLS Cards wanted

> I knew it was Don "something".  
>  
> I'm lucky I remember my own name these days.  
>  
> Ral, er.. Joe, uh no...  
> Ed! (whew) Ed, VA3ES  
>  
> > -----Original Message-----  
> > From: Dennis L. Wade  
> > Sent: Thursday, January 17, 2002 6:33 PM  
> >  
> > Calls held by the late Don Wallace.  
> >  
>  
>  
>

-----  
From: W7fni@aol.com  
Message-ID: <5b.217b8107.2979d3d0@aol.com>  
Date: Fri, 18 Jan 2002 14:38:56 EST  
Subject: Navy training course manual  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;

boundary="part1\_5b.217b8107.2979d3d0\_boundary"

--part1\_5b.217b8107.2979d3d0\_boundary  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Greetings: Trying to locate one of the following: Training Course Manual  
ETM 2/c Vol 2. NAVPERS 10143 VOL2. I have checked NTIS where they referred  
me to the appropriate navy source. They couldn't help me. Can someone tell  
me how many manuals there were in this series. I have only the first and  
find it to be one of the best tutorials around. Thanks  
RAY JEFFERSON,  
W7FNI.....since 1934

--part1\_5b.217b8107.2979d3d0\_boundary  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
\* (such as an attached file, a v-card, HTML formatting) \*  
\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

--part1\_5b.217b8107.2979d3d0\_boundary--

-----  
Message-ID: <3C48870F.3705DDE@acsu.buffalo.edu>  
Date: Fri, 18 Jan 2002 15:35:27 -0500  
From: John Russo <jprusso@acsu.buffalo.edu>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS - Collins 32V2 Transmitter  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Collins 32V2 AM transmitter for sale, with manual.

Pickup Only from Western NY

Price \$425 firm

Working and recently on the air with good audio reports. Cabinet has several small holes drilled in sides and rear where RF screening was attached at one time. Front panel, meters & knobs Very Nice.

John KF2JQ

-----  
Message-ID: <000f01c1a065\$af5af780\$a39dcdd1@ebjr>  
From: "Sandy W5TVW" <ebjr@i-55.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Graph making program  
Date: Fri, 18 Jan 2002 15:17:58 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Anybody have a link for a good "shareware" Graph maker program that will run under Windows 98/ME?  
Something to use typically to generate a graph of say: logging scale vs. frequency of a receiver band/coilset, with input of selected calibration points. I had one at one time that ran under Windows 3.1 but it was no good for Windows 98/ME.  
73,  
Sandy W5TVW

-----  
From: "Thomas L. Frobase" <tfrobase@ghg.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Schematic for a Philco Model 49-1609?  
Date: Fri, 18 Jan 2002 20:24:09 -0600  
Message-ID: <AGEJKAIGGELLPDNDGDFMIEGBCAAA.tfrobase@ghg.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Thomas L. Frobase  
4770 Oakmont Ct.  
League City Texas 77573

Thanks for the radio help, my friend was overwhelmed with the responses, it is great to have all of the resources available here ... 73 ... N3LLL ...  
tom

-----

Message-ID: <007501c1a0a0\$e94af5e0\$9e80b4ce@tsmith>  
From: "Tom Smith" <tsmith@hal-pc.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Fw: ART-13 Mod xmfr  
Date: Fri, 18 Jan 2002 20:22:29 -0800  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----\_NextPart\_000\_0072\_01C1A05D.DA244FA0"

This is a multi-part message in MIME format.

-----\_NextPart\_000\_0072\_01C1A05D.DA244FA0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

I am forwarding a email sent to me from a anonymous list member (thank =  
the Lord for these people who care enough to contribute). This person =  
requested the anonymous status but IMHO has the credentials to comment =  
on the topic.=20

Have a nice weekend,

Tom N5AMA

Here are the specs on the ART-13 mod xmfr Collins 677-0002-00 designed =  
in 1944 and last revision dated in 1954:=20

50 watts audio max. Response: 300Hz @-2 Db, 1000Hz 0Db, 4000Hz -2 Db

terms 1-3 15000 ohms, 4250v test voltage, current 150 ma balanced=20

term 2 ct

terms 4-5 7300 ohms, 4250v test voltage, current 1-150 ma =  
unbalanced

terms 6-7 970 ohms, 2500 test voltage, current 2-10 ma unbalanced

I know that many have used this great old xmfr well beyond the above =  
ratings--but, this is what the spec says.

-----\_NextPart\_000\_0072\_01C1A05D.DA244FA0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*

\* ---REMAINDER OF MESSAGE TRUNCATED--- \*

\* This post contains a forbidden message format \*

\* (such as an attached file, a v-card, HTML formatting) \*

\* Mail Lists at theporch.com only accept PLAIN TEXT \*

\* If your postings display this message your mail program \*

\* is not set to send PLAIN TEXT ONLY and needs adjusting \*

\* \* \* \* \*

-----=\_NextPart\_000\_0072\_01C1A05D.DA244FA0--

-----

Message-ID: <3C49D2B0.6040102@99main.com>  
Date: Sat, 19 Jan 2002 15:10:24 -0500  
From: Josh Rovero <provero@99main.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Graph making program  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

gnuplot. Works on windows, Linux/Unix, etc. Plots  
data or functions.

Sandy W5TVW wrote:

>Anybody have a link for a good "shareware" Graph maker program  
>that will run under Windows 98/ME?  
>

-----

Content-Class: urn:content-classes:message  
Subject: CX Sunday  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable  
Date: Sun, 20 Jan 2002 11:37:20 -0500  
Message-ID: <8099643376C6D5118FB20008C7E630A88267E7@FSMAIL>  
From: "Stephens, Al" <Al.Stephens@EKU.EDU>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Stephens, Al" <Al.Stephens@EKU.EDU>

=20

Coming up soon. Let's see...  
Today, playoffs continue...  
next Sunday, League Championship games...

following Sunday, Superbowl...

Then - Sunday following Superbowl, CX - the Winter Classic Radio Exchange, the no-pressure contest for getting all those old rigs on the air. Three QSO's to qualify a piece of equipment, and your multiplier comes from the combined age of all rigs qualified. Official Announcement below (and will appear in the "usual magazines" for your info - and print it out, copy and share around your radio clubs and friends:

[illegible]

## 2002 Winter Classic (& Homebrew) Radio Exchange

The Classic Radio Exchange ("CX") is a contest celebrating the older commercial and homebrew equipment that was the pride of our ham shacks and our bands just a few short decades ago. Our object is to encourage restoration, operation and enjoyment of this older equipment. A "Classic" radio is at least ten years old (age figured from first year of manufacture), but is NOT REQUIRED to participate in the Classic Exchange.

YOU MAY USE ANYTHING in the contest although new gear is a distinct scoring liability. You can still work the "great ones" with your new equipment!

The Classic Exchange will run from 2000 UTC February 10 to 0500 UTC February 11, 2002 (3PM EST to midnight EST Sunday, 10 Feb). Exchange your name, RST, QTH (state US, province for Canada; country for DX); receiver and transmitter type (homebrew send final amp tube or = transistor), and other interesting conversation. The same station may be worked with different equipment combinations on each band and on each mode. Non-participants may be worked for credit.

CW: call "CQ CX;" phone call "CQ Classic Exchange."

Suggested frequencies:

CW:	3.545,	7.045,	14.045,	21.135,	28.180
Novice/Tech+:	3.695,	7.120,		21.135,	28.180
Phone:	3.880,	7.290,	14.280,	21.380,	28.320

(7.045 and 3.545 are usually the most popular CX frequencies.)

Scoring: Multiply total QSL's (all bands) by total number of different receivers plus transmitters (transceivers count as both xmtr and rcvr) plus states/provinces/countries worked on each band and mode. Multiply that total by your CX Multiplier, the total years old of all receivers and transmitters used, three QSO's minimum per unit. For transceiver, multiply age by two. If equipment is homebrew, count it as

a minimum of 25 years old unless actual construction date or date of its construction article (in the case of a "reproduction") is older.

Total QSO's all bands  
times  
RCVRs + XMTRs + states/provinces/countries  
(total each band and mode separately; add totals together)  
times  
CX Multiplier:

SCORE = 3D QSO's x (Rx + Tx + QTH's) x CX Mult

Certificates and appropriate memorabilia are awarded every now and then for the highest score, the longest DX. exotic equipment, best = excuses and other unusual achievements.

Send logs, comments, anecdotes, pictures to Jim Hanlon W8KGI, or John MacAulay WQ8U (anything sent to me - Al N5AIT - as in times past - will be forwarded to Mac or Jim)

Include two first-class stamps for next CX Newsletter and mailed = announcement of next CX.

E-mail reports may be sent to:  
jmac6235@yahoo.com (Mac WQ8U) or knjhanlon@email.msn.com (Jim W8KGI)

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Message-ID: <010901c1a1e0\$b7962060\$0101a8c0@hppav>  
From: "Bob Nickels" <ranickel@mwci.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: HT-32B gain  
Date: Sun, 20 Jan 2002 12:27:32 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I've been trying to get my HT-32B working right and would like to tap another brain or two...

The problem is low output on all but 80 meters, where I can get 100 watts out. This transmitter uses the classic 9 mhz SSB exciter, 5 to 5.5 Mhz VFO, and heterodyne oscillator to create the desired RF output, then a 12BY7 driver to a pair of 6146s. I can't rule out weak finals as part of my problem, but I have a new set on order...all other tubes test good.

In the meantime, I touched up the mixer alignment (which didn't help), and made sure the bias, HV and LV, VFO, heterodyne osc., etc were OK.



Then I came to the 6AU6 stage that amplifies the 9 mhz signal before it goes into the mixer/amplifier chain, and I while I'm not sure it is part of the problem - I can't understand why it is working the way it is.

Using a good scope, I measure 0.2 volts of 9mhz RF on the grid - but the same or slightly more on the plate! The tube is good (by test and substitution), and has the following voltages present (all within spec per the manual):

Cathode: 0 v (tied directly to ground)

Plate: 250 vdc

Screen: 175 vdc

Grid: -3 vdc\*

Filament: 6.3 vac

\* - The grid is connected to the RF Level control and an internal "factory set" gain control which allow bias to be varied between -11 and -3 volts. Increasing the negative bias does reduce the gain as it should, but unless it's "wide open" (i.e. -3 volts) - the output drops away to nothing.

The plate load is a 0.5 mh RF choke, which should have an inductive reactance of about 30,000 ohms at 9 mhz. In other words, this is a Class A impedance-coupled amplifier using fixed bias - (which, according to my Radio Handbook should have twice the gain of an R-C coupled amplifier) - so why am I only seeing less than a half of a volt of RF at the plate? I measured the plate current of between 5 and 10 ma which sounds right for the .5 mh choke - so how can this "amplifier" stage have essentially zero gain?

Any comments on this, or on the HT-32 in general, would be appreciated.

Thanks and 73,  
Bob W9RAN

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End of BOATANCHORS Digest 3283

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